

REMARKS/ARGUMENTS

The outstanding Office Action rejects all Claims 20-29 on various grounds. Claim 20 is amended herein. The various grounds for rejection are discussed below. The drawings have also been amended herein. New Claims 30-34 have been added. Accordingly, Claims 1-34 are now pending in this application.

Objections to the Drawings

The figures have been amended as described above. In Fig. 1 “Prior Art” has been added to the legend.

Accordingly, all such changes do not comprise new matter. Further, Applicants respectfully submit that these changes address the concerns raised by the Examiner. Therefore, the Applicants respectfully request that the pending objections to the drawings be withdrawn.

Rejections Under 35 U.S.C. § 112

Claims 20-29 have been rejected under 35 U.S.C. § 112, 2nd paragraph as being indefinite.

The Examiner has asserted that the limitation in Claim 20 of a “table” is lacking antecedent basis.

Claim 20 (at lines 9-10) has been amended to include language reciting a “memory **including a look-up table for** having stored values for current information associated with temperature”. Such look-up table is well explained in the specification and thus is not new matter. Accordingly, it is believed that this change clarifies the claim to a degree suitable for allowance. Therefore, the Applicants respectfully submit that foregoing amendment addresses this ground of rejection. Accordingly, the Applicants respectfully request that this ground of rejection of Claims 20-29 under §112 be withdrawn.

Non-Statutory Double Patenting Rejections

Claims 27-29 have been provisionally rejected under the doctrine of non-statutory double patenting over Claims 26-29 of pending Patent Application Serial No. 10/683,212. The Applicants respectfully submit that these claims have been withdrawn from Application No. 10/683,212. Thus, this ground of rejection has been removed.

Also, the aforementioned claims from the cited 10/683,212 application have been reasserted here as new Claims 31-34.

Thus, the Applicants respectfully assert that this ground of rejection is made moot by the withdrawal of the relevant claims from the related application. Therefore, the Applicants respectfully request that these rejections of Claims 27-29 be withdrawn.

Allowable Subject Matter:

Claims 1-19 (presumably Claims 3-15) are deemed allowable. The Applicants thank the Examiner for her kind indication of allowability as to those claims.

As to added Claims 30-34, they are added to clarify certain patentable aspects of the invention and also believed to be allowable.

Accordingly, the Applicants respectfully submit that, based on the remarks and amendments made herein, that all pending Claims 1-34 are in condition for allowance and accordingly request a notice of allowance.

Conclusion:

In view of the foregoing amendments and remarks, it is respectfully submitted that the claimed invention as presently presented is patentable over the art of record and that this case is now in condition for allowance.

The Applicants respectfully assert the following:

In particular, the Applicants note that the pertinent references of interest were cited in the form PTO-892 provided during prosecution. None of these references anticipates the Applicants' claim language under 35 U.S.C. § 102, nor provides a proper basis for an obviousness rejection under 35 U.S.C. § 103.

Also, the Applicants' PTO-1449 citation was received by the PTO, was reviewed, and all references considered. The references cited do not anticipate the Applicants' claim language under 35 U.S.C. § 102, nor provide a proper basis for rejection under 35 U.S.C. § 103.

Applicants withdrawal of Claims 26-29 from United States Patent Application Serial No. 10/683,212, obviates any potential double patenting rejection regarding United States Patent Application Serial No. 10/683,212.

This Amendment and Remarks are on point and agreed with by Examiner. None of the currently pending claim language has been disclosed by the prior art. The Examiner finds no prior art to anticipate the claim language under 35 U.S.C. § 102. The Examiner finds no motivation to combine or make obvious, under 35 U.S.C. § 103, from any reference(s) cited throughout the prosecution history to arrive at Applicants' claim language. Further, no 35 U.S.C. § 101 issues are present. In conclusion, Applicants' claims are deemed to fully meet USPTO patentability requirements.

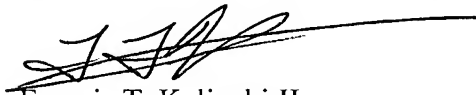
Accordingly, the Applicants request withdrawal of all pending rejections and request reconsideration of the pending application and prompt passage to issuance. As an aside, the Applicants clarify that any lack of response to any of the issues raised by the Examiner is not an admission by the Applicants as to the accuracy of the Examiner's assertions with respect to such issues. Accordingly, Applicants specifically reserve the right to respond to such issues at a later time during the prosecution of the present application, should such a need arise.

As always, the Examiner is cordially invited to telephone the Applicants' representative to discuss any matters pertaining to this case. Should the Examiner wish to contact the undersigned for any reason, the telephone number set out below can be used.

Additionally, if any fees are due in connection with the filing of this Amendment, the Commissioner is authorized to deduct such fees from the undersigned's Deposit Account No. 50-0388 (Order No. NSC1P287).

Respectfully submitted,

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Amendments to the Drawings

On the first page of drawings the words "-- Replacement Drawings --" have been added.

As requested by the Examiner "(Prior Art)" has been added to the legend for Fig. 1.